

ABSTRACT OF THE DISCLOSURE

An isolated nucleic acid, a recombinant protein encoded thereby and uses thereof. The isolated nucleic acid including (a) a polynucleotide at least 60 % identical to SEQ ID NOs:1, 3, 5 or portions thereof as determined using the Bestfit procedure of the DNA sequence analysis software package developed by the Genetic Computer Group (GCG) at the university of Wisconsin (gap creation penalty - 50, gap extension penalty - 3); (b) a polynucleotide encoding a polypeptide being at least 60 % homologous with SEQ ID NO:4 or portions thereof as determined using the Bestfit procedure of the DNA sequence analysis software package developed by the Genetic Computer Group (GCG) at the university of Wisconsin (gap creation penalty - 50, gap extension penalty - 3); or (c) a polynucleotide hybridizable with SEQ ID NOs:1, 3, 5 or portions thereof at 68 °C in 6 x SSC, 1 % SDS, 5 x Denharts, 10 % dextran sulfate, 100 µg/ml salmon sperm DNA, and ³²p labeled probe and wash at 68 °C with 3 x SSC and 0.1 % SDS.